Airglas, Inc. ®
3500 O'Malley Rd.
Anchorage, AK 99507

Flight Manual Supplement
Airglas Inc. ®, **LAM-R44**
Robinson R44, R44 II

DOCUMENT AI-LAM-R44-FM

FAA APPROVED
ROTORCRAFT FLIGHT MANUAL SUPPLEMENT
FOR ROBINSON MODELS:
R44 and R44 II
Equipped with

AIRGLAS LAM-R44 PORTABLE DEVICE MOUNT

Registration Number: _____

Serial Number: _____

This supplement must be attached to the aircraft FAA Approved Rotorcraft Flight Manual and must be carried in the rotorcraft when the *Airglas, Inc.* ® **LAM-R44** portable device mount is installed in accordance with STC SR02431AK.

The information contained in this document supplements or supersedes the basic manual and applicable appendices only in those areas listed. For limitations, procedures, and performance information not contained in this supplement, consult the basic FAA Approved Rotorcraft Flight Manual.

FAA Approved: _____ Date: _____ AUG 2 0 2014 _____
August Asay
Manager, Anchorage Aircraft Certification Office
Federal Aviation Administration
Anchorage, Alaska

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LOG OF REVISIONS

Revision	Pages Affected	Description	FAA Approval Signature	Date

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SECTION 1
GENERAL

This helicopter is equipped with *Airglas Inc.* ®, **LAM-R44** portable device mount. This mount is comprised of a carbon fiber arm secured to the console at the inboard end with two machine screws and the outboard end is secured to the windshield frame with one AN3 bolt. Portable devices may be secured to the mount using the fastener holes provided.

SECTION 2.   Limitations

NO CHANGE

SECTION 3.   Emergency Procedures

NO CHANGE

SECTION 4.   Normal Procedures

NOTE
In accordance with 14 CFR 91.21, it is up to the operator or pilot in command to determine if a portable electronic device interferes with the navigation or communication system of the aircraft to be used.

CAUTION
Some portable electronic devices may cause excessive glare on the windscreens during night flight. If excessive glare is encountered, turn the device off.

WARNING
Each portable electronic device installed must be evaluated to ensure the accuracy and reliability of the electronic tachometers and low RPM warning system.

Pre-flight:
1. CHECK – LAM-R44 and portable devices for security, cracks, loose fasteners.
2. CHECK – All controls free and clear of portable devices.
3. CHECK- Pilots view not obstructed by portable devices.

SECTION 5.   Performance Information

NO CHANGE

FAA Approved: ___AUG 2 0 2014___

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SECTION 6. Loading Information

The equipment added to this helicopter by this modification consists of the LAM-R44 portable device mount. The installer must revise the rotorcraft empty weight to reflect the installation of the LAM-R44. The operator may attach portable devices to the mount within the following limits:

Maximum Weight (All Items)	Maximum Moment (from attachment on arm to center of mass)
7 lbs.	28 in. lbs.

See the helicopter's current weight and balance report for determining exact weight and balance calculations.

SECTION 7. Systems Descriptions

This helicopter is equipped with *Airglas Inc.* ®, **LAM-R44** portable device mount. This mount is comprised of a carbon fiber arm secured to the console at the inboard end with two machine screws and the outboard end is secured to the windshield frame with one AN3 bolt. Portable devices may be secured to the mount using the fastener holes provided. Short installation arms, will reduce display vibration. It is critical that the maximum weight and moment limitations are not exceeded. It is the pilots responsibility to ensure that portable devices are secure, do not obstruct the pilots view of instruments, displays, and outside the cockpit. All portable devices must remain clear of the controls, ensure any cables are well secured.

NOTE
In accordance with 14 CFR 91.21, it is up to the operator or pilot in command to determine if a portable electronic device interferes with the navigation or communication system of the aircraft to be used.

CAUTION
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WARNING
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SECTION 8.　　Servicing and Maintenance

All servicing procedures for this installation are standard. The LAM-R44 portable device mount may be maintained and inspected in accordance with Part 43 of the Federal Aviation Regulations (14 CFR 43). Information on installing, removing, maintaining, and insuring continued airworthiness of the LAM-R44 portable device mount is detailed in the Instructions for Continued Airworthiness *Including* Installation, Maintenance and Service Instructions Manual No. LAM-R44-105, Rev A dated January 20, 2014 or later FAA approved revision.

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AUG 2 0 2014